

CONDUCTED EMISSION TEST RESULT

Temperature:	24 °C	Humidity:	58 %RH
Ferquency Range:	0.15 – 30 MHz	Test Mode	ChA 88.7MHz
Receiver Detector:	Q.P. and AV.	Tested By:	Chris Hsien
		Tested Date:	May 13, 2003

Power Line Measured : Line

Freq. (MHz)	Correct. Factor (dB)	Reading Value (dB _{mV})		Emission Level (dB _{mV})		Limit (dB _{mV})		Margin (dB)	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.232	0.20	36.0	33.0	36.2	33.2	62.4	52.4	-26.2	-19.2
0.357	0.20	32.5	27.0	32.7	27.2	58.8	48.8	-26.1	-21.6
0.689	0.20	21.0	18.2	21.2	18.4	56.0	46.0	-34.8	-27.6
7.306	0.35	17.0	13.0	17.4	13.4	60.0	50.0	-42.6	-36.6
8.134	0.37	17.9	17.1	18.3	17.5	60.0	50.0	-41.7	-32.5
21.923	0.64	33.3	32.7	33.9	33.3	60.0	50.0	-26.1	-16.7

Power Line Measured : Neutral

Freq. (MHz)	Correct. Factor (dB)	Reading Value (dB _{mV})		Emission Level (dB _{mV})		Limit (dB _{mV})		Margin (dB)	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.259	0.20	33.1	30.0	33.3	30.2	61.4	51.4	-28.1	-21.2
0.353	0.20	28.3	24.2	28.5	24.4	58.9	48.9	-30.4	-24.5
1.146	0.20	15.2	*	15.4	*	56.0	46.0	-40.6	*
4.067	0.30	11.7	10.8	12.0	11.1	56.0	46.0	-44.0	-34.9
7.306	0.35	15.6	14.7	16.0	15.1	60.0	50.0	-44.0	-34.9
21.915	0.64	29.6	29.1	30.2	29.7	60.0	50.0	-29.8	-20.3

NOTE :

1. Measurement uncertainty is +/-2dB
2. Emission level = Reading value + Correction factor
3. Correction Factor = Cable loss + Insertion loss of LISN
4. Margin value = Emission level - Limit
5. The emission of other frequencies were very low against the limit.
6. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.

Temperature:	24 °C	Humidity:	58 %RH
Ferquency Range:	0.15 – 30 MHz	Test Mode	ChB 89.1MHz
Receiver Detector:	Q.P. and AV.	Tested By:	Chris Hsien
		Tested Date:	May 13, 2003

Power Line Measured : Line

Freq. (MHz)	Correct. Factor (dB)	Reading Value (dB _{mV})		Emission Level (dB _{mV})		Limit (dB _{mV})		Margin (dB)	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.373	0.20	27.6	25.12	27.8	25.3	58.4	48.4	-30.6	-23.1
0.614	0.20	24.0	17.9	24.1	18.1	56.0	46.0	-31.8	-27.9
1.095	0.20	16.9	13.5	17.1	13.7	56.0	46.0	-38.9	-32.3
7.306	0.35	15.2	13.1	15.6	13.5	60.0	50.0	-44.4	-36.5
8.134	0.37	16.2	*	16.6	*	60.0	50.0	-43.4	*
21.92	0.64	29.7	29.0	30.3	29.6	60.0	50.0	-29.7	-20.4

Power Line Measured : Neutral

Freq. (MHz)	Correct. Factor (dB)	Reading Value (dB _{mV})		Emission Level (dB _{mV})		Limit (dB _{mV})		Margin (dB)	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.181	0.20	32.0	19.5	32.2	19.7	64.4	54.4	-32.2	-34.7
0.670	0.20	21.4	*	21.6	*	56.0	46.0	-34.4	*
4.068	0.30	12.5	11.3	12.8	11.6	56.0	46.0	-43.2	-34.4
7.302	0.35	17.3	13.5	17.7	13.9	60.0	50.0	-42.3	-36.1
8.134	0.37	17.7	17.0	18.1	17.4	60.0	50.0	-41.9	-32.6
21.907	0.64	33.4	33.2	34.0	33.8	60.0	50.0	-26.0	-16.2

NOTE :

1. Measurement uncertainty is +/-2dB
2. Emission level = Reading value + Correction factor
3. Correction Factor = Cable loss + Insertion loss of LISN
4. Margin value = Emission level - Limit
5. The emission of other frequencies were very low against the limit.
6. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.